



Date: July 22, 2014

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Donald F. Greeley, Director, Water Management
Subject: Generator Maintenance and Emergency Repair Services – Service Contract Award to National Power Corporation.

Executive Summary:

The Department of Water Management received proposals on May 28, 2014 for Generator Maintenance and Emergency Repair Services. The proposal consists of servicing and maintaining 63 emergency generators at the City's wastewater lift stations. The Department recommends a contract be awarded to National Power Corporation, which submitted the most desirable combination of experience and price for the service described.

Recommendations:

The Department recommends that the City Council:

1. Authorize the City Manager execute a contract with National Power Corporation for the Generator Maintenance and Emergency Repair Services for \$134,810.00.

Background:

The City of Durham Department of Water Management ("DWM") operates 63 lift stations to convey wastewater to the City's two reclamation facilities. Backup power generation is required to maintain pumping during power outages. On-site backup power is a requirement of the City's wastewater collection system permit. Originally, the department had two engine generator positions dedicated to generator maintenance. Due to the outside demand for these positions the department had difficulty and retaining these positions. Incumbents left for outside employment soon after becoming fully trained. Because of this the department is not able to effectively maintain 63 generators at the desired service levels with current staff. Therefore, the department is pursuing outside contracting to ensure proper preventative maintenance and emergency repairs.

The contractor will perform monthly inspection, preventive maintenance and start-up with transfer switch testing on each generator unit. Yearly maintenance will include oil, coolant and air filter changes for half of the generators and 4 hour load testing on all of the generators. The contract requires contractor availability 24/7 with a 2 hour response time for all emergency repair services. A two hour response time is critical to avoid or minimize any sanitary sewer overflows that may occur if a lift station was to totally lose power.

Issues and Analysis:

Three proposals were received on May 28th. The proposal results are:

Contractor	Proposal
Gregory Poole, Inc.	\$92,898.00*
National Power Corporation	\$134,810.00
Bitting Electric Inc.	\$136,873.00

*Gregory Poole, Inc. changed the emergency response time requirement from 2 hours to 4 hours within the proposal which is unacceptable due to liability exposure by the City of Durham. Therefore, Gregory Poole was removed from consideration.

The Department recommends the City Council award the contract to National Power Corporation which provided the best combination of price and experience.

Alternatives:

Alternative 1: Do not go forward on the project – This is not recommended. DWM does not have the required staff to adequately provide the monthly maintenance on the 63 pumping stations and emergency generators. Monthly maintenance would not be performed on the generators. This alternative puts the City at risk of violating its collection system permit.

Financial Impact:

Funding for this contract was budgeted for in the DWM Plant Engineering and Maintenance division Operational budget. There are currently funds available in this account.

Generator Maintenance and Emergency Repair Services

5100P300 – 723400 \$ 134,810.00

SDBE Summary

The Equal Opportunity/Equity Assurance Department reviewed the proposal submitted by National Power Corporation to determine compliance with the Ordinance to Promote Equal Business Opportunities in City Contracting. The goals for this project are 0% MSDBE and 0% WSDBE. It was determined that National Power Corporation is in compliance with the Ordinance to Promote Equal Business Opportunities in City Contracting.

SDBE REQUIREMENTS

No MSDBE or WSDBE goals were set.

WORKFORCE STATISTICS

Workforce statistics for National Power Corporation are as follows:

Total Workforce	61	
Total Females	12	(20%)
Total Males	49	(80%)
Black Males	2	(3%)
White Males	44	(72%)
Other Males	3	(5%)
Black Females	0	(0%)

White Females	12	(20%)
Other Females	0	(0%)